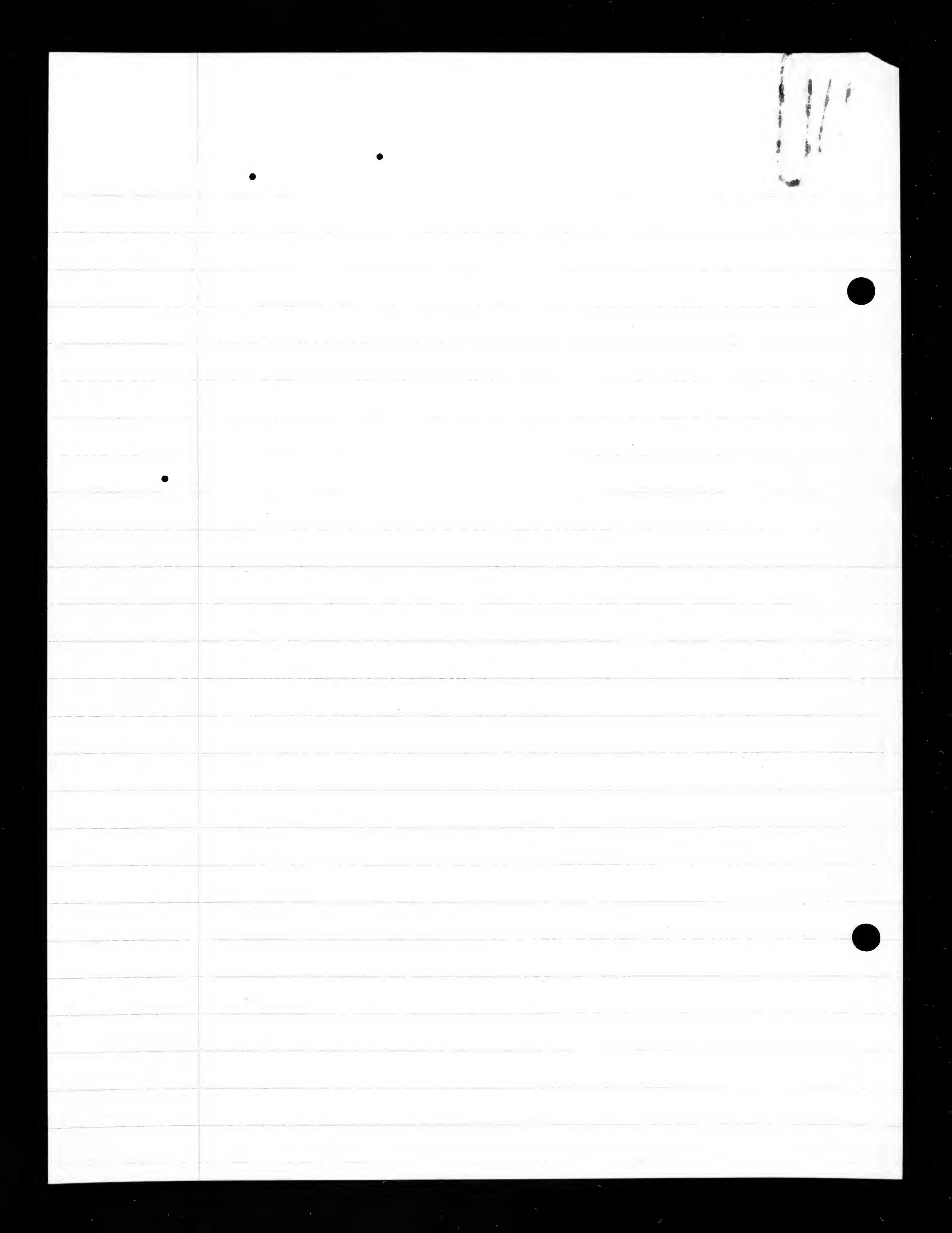
Control of the second



Celuso aprella, I.

Décembre 26, 1958

There were a lost of these Fufted Copullius here in a longe cage with a migle Hoolly. adults a nub-adults, all quite cettire and all behaving in a murlow may in general Thus yeares is really quite intermediate in appearance between the waller untilled Caparchus and the Woodle, Montey. Hey brown for a Corpuelius, with a broad beaughead. Itses its frugers like the smally Capricken speces, but I saw one of these fresteds, a young adult or old nub-adult, have from its tack above, without are support from hands or feet. They gave a unde vamely of notes, with no many intermediate types that I had great trouble norther than out. I beard a few B-like notes which sounded leke reighe MGB softlie White face, but there were relative very very very larce I I couldn't detoume their roual cucumstances, comes, or frinctions. The commonest note of these Juffels was what I should Whereing hotes (WB) Soft notes, nowelines rungle, I sometimes uttered in series of estimal variable length. Highet be hans while as Where no where where where whereoon... Ratherphantine & conversational 'intous. Alue were cellered by lots of americals in a wide variety of circumstainces. Thrug devive encounters between monthers and probably also occasionally directed by a montiery total human herios I should magnie that these is probably a low internet, bottle pattorin. Pellups the andle que aughor homeloque of the four or, more purbably the

Celus aprella, Die 26, 1758, II. MGB of other years. It is also havely purille, however, that I all or most of the WB o contained a defreule result or freezely clemcut or the of utilized WB o after the our copulation I observed and the only a annuals I was fairly certain were paired with el WB's as the walked around together; but nounchour I talker deries this on the culiste. (I might add, vicidentall, in connection with the pois-Well analogous or homologous relations of this WB pattern, That I didn't hear our of there Lufteds atterace note which rounded tele the four the White-face). The next most convery round attend by their Tufteds was a roft till, my number or identical in sound with the order au Fell of the White face (which I walk call 5 Fell from now ou). Both the low-getched, wooden, and high-pitched, shrell types. Usually with mouth wide open and rome BT. Thus also collected magnest variety of circumlances. Often green derning apparently purely libitile dupides by a retreatures aumerl. alle quenquité commonles earles in the afternoon (when visiters une Just iterature to come in to the governette lunch, and the montreys were probably relatively herrigan by monthers trying to get food Your human Turilow. In there Catter carres, the Sofile's may be acce been produced when hortile motivation was combined with now portere non-hortile drive, but the Still solvens apparent ly purely hortile duputes must trave had a rhightly different can ration. It was be that the Soull of the species are produced who enemer the allectic drive is apprecially counteracted by nowe opposmes tenderes (and the opposing tendency may be different in differ

Celuis apella, Dec 24, 1958, III. ent cares). This may also be true of the Still of other species aruell. I may have got a regults wrong unpremen of the Sfull of reme other years (i.e. that they were always produced On nour poutine non-houtell motion tion in addition to boilet. le) muyel because I baven't reen them in all the cimuntan ces ou which they can occur, The thered west conven weater atten of these dufteds was the fream. A the arreal Colone type, quite lebe that of many other species in society, very your from quite treasure to quete stirull. Green with moult open a BT. Obvious connected with uterine bottlet, during vizorers duputes Tree also descrip tion of cogulation below. More remark to be a general tendeny for the most begin petitied devill revenue to be given by reacatello assissable. The most interesting of the calls of those Fuffeds was the rarest. Only occurred late in the afternoon, before the real feeding time, when the annuals were generally most active. Long calls of man rapidly repeated what notes, wheel might de treus culted as Octobro co observed. Indestilled like to call this RBB (see also today's notes on Lagothers) again gruen ui a unide marnetz of circulationes. Entremely contempore. Whenever one arinal would start, was other aumals would going. It was my imprement that identical RBB performances were green by letter of said & a, both adult and nul-adult. The inhole thing recensed to be quite comparable to the Housing of Housing merchings. (Before Springet; Inhould add that, in quite of the forest

Alexan apella, Der. 26, 1958, III.

that the friedre news to be extremely hortell, it was rettered by more here, reclaimed over the whom their were obverously new familian, probably a director of the zoo. This would respect that the friedress are either pirt brigh interrity years all friedress receitions, or, more probably, that they can accurately when appreciable non-hortele motivation is activated, as long as hortely treefy is light.)

All great event of the day was an apparent merenful constation! I funt because aware of what was going on by & reeres a large heaver armed (who himselvet to be the g) re I peatedly charing a stigletty malley or much lighter annual Curlio ter I med out to better of). There chaves never just thout mules on the part of the q. The or rusked away from her each time saw me fremen after fream as he did so. Each true at the evol of arettent, be would ut on his hund boys body quite erect, with his folded housels presend against his chief or ever increal one his client (in a rewestered modert-looking way). This porture was new landardered o devenuely lighty ritualized. I Mall call it "X". The of almosp faced the q during lus Xs Lowelines be continued from the X; but occurrently it was releast the would often begin an X with frommes and their fall releast after a few necessdo while he returned in X) I there that the of went have started to appreciate of follow the q again after each clease & return and that the price in least good wohed little cleares & retreats, less Jan not quite more advised this, Oliadore when what this all was genry to land to un the ends and no I deduit pay too much attention at first, he are cases)

Celus aprella, Du 26, 1958, I locked up to see the of setting free to free with the q, with his hand on her cheeke or clean in an apparent oppositing mounteret of grooming vil more He they quilly mound belund her, monuted, a comulated Apparent, unecenful at least 7-10 peluce thrusts Both annuals quite went throughout. after the of got off the qual nothing but the of malked anound and uttered a Kw-WB-Halls. This X. mg before copulation was not a pumarily nexnal fattern fatte on Drawa rub-askelt olo X's repeatedly I when cheund by another montres during obvious principals principals There was quete a lot of play wreathers of festitus Cureth & buting or Cuttury in mouse) in the group Coday, Morte with I may gut actuals. Soule like that of the squall providers in Iqu. ites, except that it was all quite illent. the of the play uneithers houts was between a amount which I thought were a young of and an elderly adult q. The I young arrived bept channes the old one and trying to Capon I de back I thought that now of their leaps mught be several attempto to mount few the old august always rented in govern le and nothing ever caus of the volvolething. This spices guryong and our manger like other monkeys feueral modern deals ded this when teared by minitors. Alicens quite release - except once when it was accompanied by in Strik Churther ein leine that rome Stall a au largely or completely with and poulties ruller aggrerane at titles; ??) One annual, the of who made the summing commatter all

Celus apella, Dec. 26, 1758, III. a court, herry following me arrowing late in the afternoon The in consider closes, upright, on the bases of the cause, forming me, probe-I also wontens food. Quete relevit, While chergens in the way, I be repealedly (at apprenable liet inequilar intervals) their I his head hack (approvinately to the vertical) in a use tapud beof ced lareing moriement. I should could the The I that it I wen out our int, mor, of retreat Celius apella. I Jule 5, 1959 Bours Catoraclo I recoved a young Fostitis merces yesterday, - by mentatie. Still a baby, although not a veg young one. Tennicle. Cold? Apparently recover. ma from a broken arm Not my active. Hasto be force god a Cettle. Jan gures it aureomycur every day Intallead their moules A. Has juit two principal groups of patterns. The frist is WB, rounding quite also the the mitted I writing uithe Dura 300 last year. Ilmally uttered as eventually surgle notes, but frequerités repeated a un le typrice de WB miglet le traissailed les augittins You Wheeoo to Whanh, Introud externate that almost 70 % of the WB's A bas uttered mice by came hour been of this hypical type, but be has also attreed a couple of wealur rounds which an protesting lower villeurety versions of WB. The first is a nicake, light pileted, squale. Uttered in the raise routs from as typical WB actually there queales rec on to interprese completed with to med wB, and no they are presented put slighte lower vitement, them the lowest without Typical WB. An ever weaky getteter is a sunffeel me roft tick, (guit tike the teck of a roft clock).

9

also reconstructes attend in the name series as typical WB's. There recent be WB's which are paint too weak to be actually "courted." It is my impression the at they intergrade both with the typical and the squesty WB's.

The WB's attend by A were certainly hortitle and or general funtsation reactions, and almost cutainly the Somer rather than Catter. When I fin at toole A out of his handling hor yesterday and put hum in his new cage he uttered lots of WB's (uprical) almost all the true for an hour or two. This epadwall declined. Those he unally only atters WB's when I move my bound toward him or pube him up.

fourtwes, when I peck A up his WE Trotts are uttical my ropidly our wifet afterthe alter and become longer than unal and romewhat more succeeding. He unally tries to lite me vizorous at the same time. There longer notes, in fact, would appear to be quite typical Susam patterns

pleas facts would seem to suggest that the WB patterns of this yours are structly equivalent to the west common woolerates, agriculty By patterns of the Boultern of the species, eg. the MGB of capacienes and the B of the Houltern 9th of the patterns were the B's of other species.

The other principal pattern performed by A is sure clalionate In its typical form it counits of a note, plus reveral movements. He movements are on Ish, apparently juil like the Ish of the White face (see notes of Mar. 31, on capacinius), and a P2 of the unal type. He note is more pendear, founds somewhat like an abbunated MGR of the White face (sections just slightly sneed like an abbunated mGR of the White face (sections just slightly sneed like an abbuniated more of the White face (sections just slightly sneed like an abbuniated wooden Ital of such species as the Woolly Healer).

the gattern in not unally auscretted with WB's. Perhaps less h.

a outile? Approviently occurring in the name circumsterices on the File of Still Could occasionally MGB) of the White-free. A unally grues this performance who en Interior at him fiveally or interitty from a few feet away. If the olders to do it collen I state at ann, Tean sometimes molnait by shakeng my beach my I self. all this would suggest that the jutterine never never of "greating", with or mittient heritien.

If the pattern as a whole is startly hourdresses with the number patter ru of the Mute-face, the moved rugged that the note Twent I shall call the John forthe hime beening) is strictly homologous with the Stall. Interesting of the as it would wear that the quivalents of the E and Still patterns of this speces deffer from each other in touch quality in just exactly the opposite way from the Band Still sof other years. The sound of the Toh N would suggest that it is more strictly hours logous with the notes intermediate lutinear the typical B Hotes and typical Still a remeteries ultred by other species.

The Loh mountet is requeteres performed without any round, and What does the man thick that the Ish N can rometimes be uttered without any monement except PL.

Colius apella, I.

august 11, 1961 Bure alondo

Janu skeple here have d'estad Capacinania pet. Hot full grown. Lattenet & years out, but quite small (perhaps remindratelinareful breaun. Le of prosecure ai unalla. Veritame of? Quent to muit it aris afternoon.

When I first amused, the surred queted me (and its surrey) meth For turnet of elect nettes where were aller by a and so WB. But it never ut

Cecus aprilla, Aug. 11, 1761, IL tend nucle notes again, divining the balf hour Incurrenced watering it. When it mas et out of its cage, it emmedially presented to me eitigette nu land David P. Cert, who was along). SNF d'at liette of as. Also Field to weettle with us. "Play! This play wastering was accompanielle a four Still is. also rome relient MO & BT, and BTalon When the annual was not wrettery with us, it ran gently round and round the room, repring to play with narrowisolycuts from time to The time. During this believes, it rettered a few ringle Molla. Cebus apella, I. august 23, 1761 Bulle Coleculo I got a half grown Grifted Copriete in from Oven (Iguitos) last I week. Healthy but stey. Call it Jose". Has been brent by trely in an L'outrele cage. Mus monning donn going to put the tame White face, Cage, apparents ignoring Orle. Jose does not react very regorous. Continues paring around Hillers quite a lot of rugle B's while paring fort of : Esyah" I rette frond ryllable very weaden and hellow rounding. There weter appears to be alter a destitutive type of WB and/or low intering MGB's

118 Oriotality the former.

by Onle, in well it.

Jan alle des quete a le l'es scratitung lunning beth bern la and fa t) during the paring also attens a few success. I don't hnow your, of I there vertilerus are ingrespicaltes net.

Columnapilla, ang. 23, 1761, II

June cereti un lichausung un bifere, in til Bora comes with feed; of 8:20 am. Stood put right acurale Oak. Jour remonto get fred appoints reines to ignesse Onle compristing They you willies a few bywell MOB o Guile mulitie careller B. Typi netto) when coming to get food. Then year back to pring, were or less in Enforce but relevelle 8,30 Mu derts uttering Eeguh WB- Typi unter during paines. The fact that you uttered MOB o only when county de winto get food mar Onle mustit missel that its MBB's contain a relative Entrouger friendly compenent than its "Sery will meters (Butilités suliveries en lufeu & 55 Securef Jose à "Ecyuli" meter have junt et trace of a trillens quality. 11 & almost "Eerguli ul Jone starto comme don for food again 9:12. Degrees Onto. But again utters MGB o when coming alown for food. Then returns to paring. Again utters Egyech's, and not MoB's, while paring. Jose is williams man, fewer "Leyuli" motes men 7:30 Gypricit (getters mette me andfor Onk (Onle is arleap now). also utters a bruef ogn meter, = 10, while pring. you suit cooks at sprider heaving paning by. He other reaction Continues pairie, ultering enericited Ecynth notes, when One stricts nucuus around lag, 9:50 a.m. Buile 4:50 Both aurunds more or less and left them. (See ted ay's meter on expunerius) for itall paring branches. Identiculan I fruit ap presely, when Ork duplay's milly. Then Jose utters a few ningle "Ecquility

after absent 5 minutes, after the her begunta live here land and four or pres

Celius aprella, aug. 23, 1761, III.

unally becommendate to me Dere wests norg marchelly to a Bufe marines which apprecies cause at 5:33. Extreme MO (with perhaps a leglet trace of 13T). Felcut. Followed by a breef MoB's (MO princip stops when MoB's are uthered). Then I go with the large and approach I ve to be and he will do. Run aresecul. Cleteru-ting persons of releast BT (meg zuttenie - nueuth full of tacti - no time of Mo) with muglens of NOB's. Britisheres or disconfears when Albis a uttered. This is good evidence that MOB is either len aggrenier or higher interest than "Eaguel" Probise the Eather, The Esquile's attend leng Jose earlier ware not accompanied by aggressive menewalts. And Jose action and advances toward we and retreats away from me as it entered The MOBO. (BT walls aiment autility aggrerous.) Musiciter putation was confirmed by another incident a few mends

I later. The Wisod racks in a ward, enge unddenly began to call nee be enty.

The heated by intering a volute brown of "Eaguly's, one right after the other, interspersed with occurred roft MoB's. Obvious a relative Gligh intensity its performance Cortains logicy intensity than the ruiseo "Eaguer's he ritted ored earlier when prince around his rage includingle.

Dan legraning to think that his "Eggels is may be nothing were than his "unal" WB's.

When I went low to Jose, but also performed some other movements, which I have now before, but not commented on. Purham, his chart and twood along a branch. Thing his have been to puch. Whole chart neiting on a branch. Wins claughing limply on either add of the branch. In this way, be nomitation purhas limited 3 of 4 feet along a branch. Leolis way runch as of he were trying to get rid of an itele on his cheet. But he went

12)

hun. OHe also does since for qualities in other consentations, but less fe quentle.) I do not remember nerne White faces perform similar patterns. So sertupo teus puttern of Joses o una Corrucal niguesal, Lexibling Gill pom. Theriting things over, I suppose that the "Eegest" notes alle ed by Jose today was have been the home works of the Eyle pullens of Capturius. Prut it cloes rom untikely. I have never bround Engles utter 1112 colle inpuerus of comparable age. Celius africa. January, 20, 174 Parent Calada The tame young Sufted where the Starre is there trad for a pet for a confile of years (nee motes of august 11, 1761) has been sent out here for a confile of meeter. Annual a few days ago; when I was away Was been brest by itself in a small case in the annual bouse

The server of smale. I shall call it A.

Tilver I appreach his cage, he must broke and forth rather me

Nouity. Ittens a few soft missle MGB's. We does on enough lines

next BT. Some scattering (meet frequents scattering side coult

He atteres afour MGB's and also solent MO+3T, when he was also a very weathering outside the house allow a tender of the source from the letter with the source territion. Periods uturbiged 55.

Willen I de le suy tracel a les arge, in sitte es aferra engles

(/ =)

from the great with other B patterns. Sounded almost like Compatible and abbreviated revisions of the BB of Which have not with an regard

A dock MC with only elight BT when the work middle free

one noisy, Creminale A inlightly alarmed by their

Louis of his weathert and truefort MOB's are now high publical

Jose Much with levalraget

When his cage is pulsed up, he was around, attens a few Still's and word note of the deep quait like B's (I shall call the "GB").

The word Still is an Bora carries cage down hill. Then starts to attend nevies of very wagent nounding MGB's. Very repud. Then a few Little's Hungled with a few Eaguile notes. Eigene is obvious quiternal chate lictures Mel's and MGB's Littles more GB's and offile's (no re or less intermediate) when any builter against branch

Then utters freenes (natur honous) when he thinks Been in you

of the peeks them eys by hourd.

lots of MGB's when they see one another Jou also setters "Eagule"s.

A starts to atter "Sayak"s as well as MGB's as seen as he gets suto

Jou's cage Both animals sun around cage atterns namen jumble

MGB's and "Eagule's for some time afterward 10 05 am

after Brea Comes, A Coolingle how Hill characteristic expenses
on Eyebrows raised, But eyes paretty cloud blant here unuscent
of an of the "quetury" or appearament expensions of finites But with
out PL. () thank that I brune, may other Inflids a same raise expension

New 10:10; guit reacting to me.

A does one GB with file, as a remain out to be one of the

delle appearance of a most see

Then A does the wiret ago brown runed - yes partly cloud in

Both survices with quiter now. Just attend secured MGB's. The MGB's of the 2 annuals near to be wearly or absolutely at it will a nound.

A scarround maker little success moures. I dent time to

en anchimite de

A is now youding all his true watering me, while Jone was about norword as and The & annuals haven - your mar one another yet 10 122.

Quadetally I forgot to mention that some of the GB's attend

BB. Withadefinite Voral quelity.

An juit alignett smeller than Jose Detrike Jose in mel est

2. Mestita aminal has well developed tights

Dese carefully and its going to the country of the engen which A

excepting, but the never appears to look at him

Still no change in the behaveor of the animals 10:35. A still demanded to the change hat of ene trous raised - eyes pointly closed to me also attering exercised NGB's are attered when his eyes one partity closed, but this is not usual. The eyes emen is usually relevat. It is often, I think aromapaired by just a slight train of chin lifting.

Celius spella Jan 20 1762 III I move about 40 ft away from the eage, 10,40, to we of Jose and A will get argumented. No. A does start to sun arrend the cage a lit the had been kitting matching, we before their hut be Locan't approx ch Jose! Then will think faces come down to the ease, and I had to op back A goes back to retting and matching me, eye brown resident eyes prosti closed most of the time. I see is never long witaviel. Charage was trivel very bruft. But repeat I'm ed ver, frequently Leaving now 10:52. Will come back in the oftenion. Hack y 30 Hay for any from eage for a few munites, worder to ne what the annuals are doing. Hothering much. Jone paring up and down & all A settlering our war Betti lillent Then wellen I come clean with an wals start to utter MoB's till and put lower clear to cage,) are continued to pace, and itwite to atter "Exyale's. A continues to sit, but loss lots of eyebrew raisingeye partty cloud patternes, Janua me. No chin Cetting perhaps I was in acing the crimi Ceftery this monning). But most of the explicer inismaj eyer printigelevel poetterns when I front arrived were accompanied by definite Lolis and roft GB's Criencte per Joh After I had been withing is while, A continued agebrow raining - eyes partly cloudy there rus. Just stopped the File & EB justinius Busumall, au violication of ac clusting unitedly I thunk I shall call their eyelnew raised - eyes protty elocal pa Wir EY for the time being. It is peculie that the eyes are really hepit wide open during man 4 EY 3. Hu effect of particle closing may be able to the fact that the enter

(6)

ws are raised no received

Perlians the " unk" ports of Jose's "Sound " are not inche attend of BB — at least wall same. No "or "sait. Just remable " undefficultiated" B's four of them might even be indications of al B s.

Then I look at A intente, he starts to perform the EY+ Jah &
GB patterns again. EY & Les appear between John GB patterns.

A was ver active in his small ege upstavis. But he bes put attell elevent all the time since he was put in Jose's cage. Ithered this much be an indication of alarm. Fers aperalized it in Add of other species. No trace of locking down ward.

At 5:20, 7 went wito the cage to try and give A some force. The did nowe E/+ Life with "Engule"s as I approached. Then when ded site Ey + Life with "Engule"s as I approached. Then makes founded away when I came close to him. On the jumped away to uttored a were weful weres: BG-BB-ferram. Leveral notes if well knied. Interpretable, a perfect properties in fact.

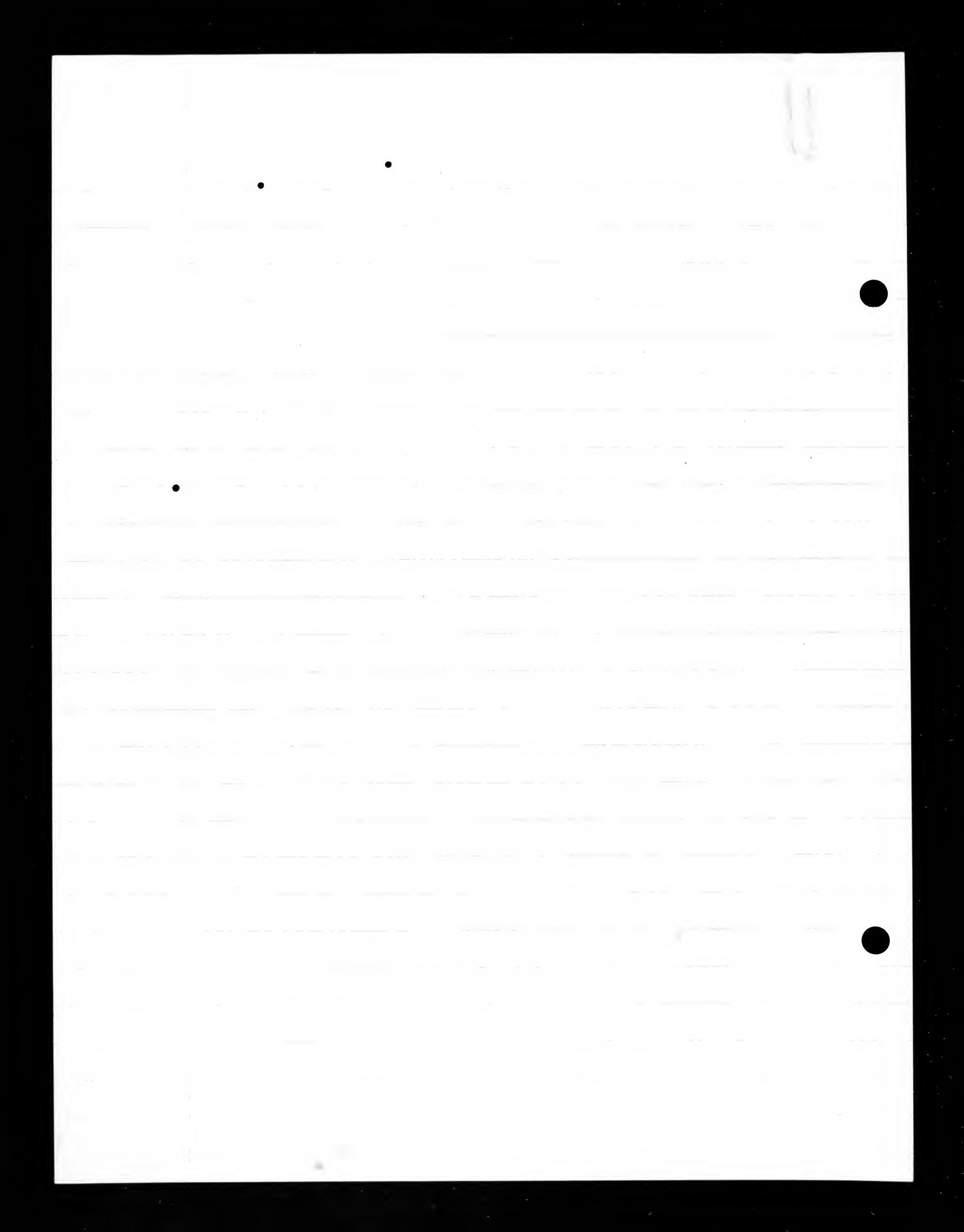
and the facin obviewed contains a very though except compount

Leaving 5:30 p.m.

Celius apelle. I

And, 29, 1743 Decree Colors

Jeu Mayer Congagor and has not been new sence For overa year, A lies been lept with the O. ik White force If Aust we age with Squirved Meuling. Then both Onle and A hept of alow in eage next to there other Whilifaces. Onle is the based raised Whilefree who always children himself Munarest of "Turkey" like poetion, hands titled in in front, till by curled anound body). Hurte, while usualing, fourtimen with trace of If bedinering up and down Hunty down as a suntten to appear in by therman If hence Thered alarm & friendly nection? On purely freewells? Thus afternoon, we apreced the cage door because Onle and A and the three other Whitefector allowing their to muche. Though the I prevelly toward one another. Except for one adult (young de bull) of Hustoface. This individual repeatedly thousand and made little (wh Wited) whalk nurbes toward, A Three times, Oak receted by brues unouglete, clustering patterns mor reminiscent of Orle. Hurelly who de utting up (Poulle with réglet intention mousineit of monde.). Haust tuled in doct curied around body. Thus is the facilities that I been neen ruch advances by A. 14 Themaste met - metile Continues.



es 2 App. of abus; 8

Und of hands and funger. Description, 1

Use of tail Young wheit hanging by tail alone.

"Fulk" Vestes. Veres noft. Uttered ly nick provenile. Apparents closely related to Squ-WB, but even lower enterisety. 6

Squ. By provenile, 6. not uttered ly Lenia a neviale, 2.

of variable length: "Wheececooo wheeoo" etc. Description; 1,6. By swente 6. By of, after succeiful experienter; 2. By wated accounts an ociatur with one another; 2. Intergradure with Sciences; 7.

General discumen; 4. Low autensity hostilety?; 1. Produced by some medication, and nuliseraring some function (s), as MGB coprocuus?; 1. Party friendly and or remal?; 2.

MOB Relatively very nove Uttered only very occasionally by Lina annivals. 1.

Ish and Ish teetes, By well juvenile. thete a morning tunally

CEBUS APELLA

but not always, occurring together. Note itself socials rather like MG B capulaus (and also sometimes, like an abbreviated and very wood den Ill). With PL. By priverile, directed toward me. "Greeting"?

Ill. Variable in pitch and loudness Certainly Gomologous with Shell capucinis. Probably also includes homologues I Ill capucin us.

Description, 2. Unally with BT, 2. Diving proses hostite disputes, by retreating annual; 2. By annuals trying to get food from vintors, 2.

openeral discursion motivation, 2,3 Contaming a friendly comment?; 2.

foft hell's with Judy 5

Sueau Description; 3 With BT and (?) MO; 3 Interpad ing with WB; 4. With X, by or before copulation; 4. Most bugh pitch ed Sacaus ly retreating animals; 3. Sometimes general frustration or non-bartile? 3.3

ous; 3. analogous to Howline of alonatta?, 3. Estimoly contagi Ousing Armalily homologous with Hoot - OB patterns Catagons

Pitheria, Callicous.

CEBUS APELLA

1NDEX - June 5, 1959

PL With Sha notes: 4

BT With shell's and Sureaus, 2.

Wesd-torning Backeward notory movement. By aduct of try nig to get food from me, 5.

Jud. Description, unally releast, rometimes with referrile, 5.

V Portwee. Hands would on chest. By or when chared by q, before necessful copulation. Often anompanied by freams. 4.

By rub-adult during given hortile disputes; 5.

"Play fighture and westling Description, 5

Copulation Description approved meanful attempt; 4.

q chang Theforehand. of Sucamining and assuming × Poet
wes. I probably grooming q immediately before mounting.

Cop. still quite ribert.

I utters WB after cop. q relent.

